

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2004/052563

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L29/78 H01L29/423 H01L29/08 H01L29/36

According to International Patent Classification (IPC) onto both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 054 451 A (INTERSIL CORPORATION) 22 November 2000 (2000-11-22) column 4, line 15 - column 5, line 8; figure 2 column 1, line 50 - line 53; claim 10 -----	1-10
X	WO 00/33386 A (KONINKLIJKE PHILIPS ELECTRONICS NV) 8 June 2000 (2000-06-08) page 5, line 7 - page 7, line 26; figure 1 page 10, line 11 - line 16 page 10, line 28 - page 11, line 6 -----	1-10
X	US 5 981 996 A (FUJISHIMA N ET AL) 9 November 1999 (1999-11-09) column 8, line 28 - column 10, line 28; figure 1 ----- -/-	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search	Date of mailing of the international search report
19 September 2005	27/09/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Ruiswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Morvan, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 637 898 A (BALIGA B J ET AL) 10 June 1997 (1997-06-10) the whole document -----	1-10

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No
PCT/IB2004/052563

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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				US 6198127 B1		06-03-2001
				US 6433385 B1		13-08-2002
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				JP 2002531953 T		24-09-2002
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US 5981996	A	09-11-1999		JP 3291957 B2		17-06-2002
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US 5637898	A	10-06-1997		NONE		